

Title (en)
HONEYCOMB-STRUCTURED HOLLOW-BLOCK CONCRETE FLOOR

Title (de)
HOHLKÖRPERBETONDECKE IN WABENFORM

Title (fr)
PLAFOND EN BETON CREUX ALVEOLAIRE

Publication
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Application
EP 01913563 A 20010201

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Abstract (en)
[origin: US2003110724A1] The invention relates to a hollow body concrete floor or hollow body concrete slab made from concrete having reinforcements and conical hollow bodies (1) the cross-section of which is essentially round, oval or more than quadrilateral, wherein hollow bodies (1) are arranged between an upper and a lower reinforcement layer (15, 16) at least in sections essentially in the most compact configuration possible, wherein the areas between the upper and the lower reinforcement layers (15, 16) may be provided without hollow bodies (1). The object of the invention is to provide an improvement over conventional hollow body concrete floors. This object is solved in that spacers (8, 9) are arranged between upper reinforcement layer (15) and hollow bodies (1) on the one hand and between lower reinforcement layer (16) and hollow bodies (1) on the other hand, and that vertical reinforcements (17) are inserted in at least some of the interstitial spaces formed in each case by three adjacent hollow bodies (1).

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Cited by
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